

What is claimed is:

1. Textile fiber material comprising spun-dyed aramid fibers or mixtures of spun-dyed aramid fibers and undyed cellulosic fibers for producing military camouflage articles, wherein the aramid fiber fraction is spun-dyed with a colorant having a chlorophyll-like reflectance in the IR region.

5           2. The textile fiber material of claim 1, wherein the aramid fiber fraction is spun-dyed with C.I. Vat Blue 05, C.I. Vat Blue 64, C.I. Vat Blue 66, C.I. Pigment Blue 15, C.I. Pigment Blue 15.1, C.I. Pigment Blue 15.3, C.I. Pigment Blue 28, C.I. Pigment Green 7, C.I. Pigment Green 17, C.I. Pigment Green 36, C.I. Pigment Green 50, C.I. Pigment Black 7, C.I. Pigment Black 11, C.I. Pigment Black 32, C.I. Pigment Yellow 42, C.I. Pigment Yellow 53, C.I. Pigment Yellow 83, C.I. Pigment Yellow 110, C.I. Pigment Yellow 138, C.I. Pigment Yellow 139, C.I. Pigment Yellow 164, C.I. Pigment Yellow 183, C.I. Pigment Yellow 184, C.I. Pigment Brown 24, C.I. Pigment Brown 29, C.I. Pigment Brown 31, C.I. Pigment White 6, C.I. Pigment Red 101, C.I. Pigment Red 144, C.I. Pigment Red 149, C.I. Pigment Red 178, C.I. Pigment Red 179 or the commercial products Sicomix® IR-Schwarz 00-6760, Sicomix® Schwarz 00-8530, Bayferrox Rot 600, Bayferrox Rot 655 or Bayferrox 960.

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15           3. The textile fiber material of claim 1 and/or 2, comprising a mixture of aramid fibers and low-flammable regenerated cellulose fibers.

20           4. The use of textile fiber material comprising spun-dyed aramid fibers as set forth in claim 1 and/or 2 for producing military camouflage articles, which comprises camouflage patterns being printed on in a conventional manner.

25           5. The use of textile fiber material comprising mixtures of spun-dyed aramid fibers and undyed cellulosic fibers as set forth in one or more of claims 1 to 3 for producing military camouflage articles, which comprises the cellulose fraction being dyed or camouflage printed.

30           6. The use of claim 5, wherein an aramid fiber material spun-dyed in medium gray,

green, brown or olive shades is cross-printed with camouflage patterns in black, brown, olive or green shades.

- 5    7. The use of claim 5 and/or 6, wherein the cellulose fraction is dyed or printed with vat or sulfur dyes.
- 8. The use of claim 7, wherein the vat dyes used are C.I. Vat Yellow 4, C.I. Vat Yellow 33, C.I. Vat Yellow 46, C.I. Vat Orange 1, C.I. Vat Orange 7, C.I. Vat Orange 10 11, C.I. Vat Orange 15, C.I. Vat Blue 5, C.I. Vat Blue 19, C.I. Vat Blue 66, C.I. Vat Green 1, C.I. Vat Green 3, C.I. Vat Green 9, C.I. Vat Green 13, C.I. Vat Brown 1, C.I. Vat Brown 3, C.I. Vat Brown 57, C.I. Vat Black 7, C.I. Vat Black 8, C.I. Vat Black 9, C.I. Vat Black 19, C.I. Vat Black 25, C.I. Vat Black 27 or C.I. Vat Olive 27.
- 15 9. The use of claim 7, wherein the sulfur dyes used are C.I. Sulfur Black 1, C.I. Sulfur Black 6 or C.I. Sulfur Black 7.